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Application Number		a.
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First Named Inventor	Pamela A. Boss	00
Group Art Unit		
Examiner Name		200
Attorney Docket Number	82433	1

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			NT DOCUMENTS	
Examiner Ci Initials No	o.! Number . Kind	Code <sup>2</sup> Name of Patentee or A of Cited Docume		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
72	5,010,776	Lucero et al.	04301991	
	5,112,127	Carrabba et a	1. 05121992	
	5,194,913	Myrick et al.	03161993	7
	5,241,368	Ponstingl et a	1. 08311993	
	5,376,556	Tarcha et al.	12271994	
	5,402,508	O'Rourke et al	03281995	
	5,739,536	Bucholtz et al	L. 04141998	
	5,759,859	Sausa	06021998	
	5,774,610	O'Rourke et al	06301998	
	6,018,389	Kyle et al.	01252000	
TV	6,028,666	Boss et al.	02222000	
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			·	FORE	IGN PATENT DOCUMEN	TS	•	
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Substitute for form 1449B/PTO	Complete if Known					
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		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
xaminer iitials	No.1 publisher, city and/or country where published.		T2
Ta		Storey, J. M. E. et al., "Electrochemical SERS Detection of Chlorinated Hydrocarbons in Aqueous Solutions", Applied Spectroscop Volume 48, Number 10, 1994.	y
1-Octadecanethiol-Modified Silver Surfaces", Analytical Chemis		Mullen, K. et al., "Adsorption of Chlorinated Ethylenes at 1-Octadecanethiol-Modified Silver Surfaces", Analytical Chemistry, Volume 66, Number 4, February 15, 1994.	
		Schoen, C. L. et al., "Long fiber-optic remote Ramen probe for detection and identification of weak scatterers", Applied Optics, Volume 31. Number 36. 20 December 1992	
		Crane, L. G. et al., "SERS Surfaces Modified with a 4-(2-Pyridylazo resorcinol Disulfide Derivative: Detection of Copper, Lead, and Cadmium". Analytical Chemistry, Volume 67, Number 2, January 15, 19	
Carron, K. T. et al., "Molecular-Specific Chromatographic Det Using MOdified SERS Substrates", Analytical Chemistry, Volume		Carron, K. T. et al., "Molecular-Specific Chromatographic Detector Using MOdified SERS Substrates", Analytical Chemistry, Volume 67, Number 18, September 15, 1995	
		Carron, K. et al., "Octadecylthiol-Modified Surface-Enhanced Raman Spectroscopy Substrates: A New Method for the Detection of Aromati Compounds", Environ. Sci. Technol., Vol. 26, No. 10, 1992.	.c
TN		Carrabba, M. M. et al., "Fiber Optic Raman Chemical Sensors", Proceedings of the Sumposium on Chemical Sensors II, Volume 93-7.	_
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